GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:3159
ANSWERED ON:03.08.2017
Generation of Power from Wastes
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the quantum of power generated from wastes in the country and its share in total power generation in the country;

(b) whether the Union Government proposes to encourage states/UTs to undertake projects for production of power from waste materials;

(c) if so, the details thereof along with the financial assistance/funds provided to the State/UTs during each of the last there years and the current year for the said purpose, State/UT-wise;

(d) whether the waste-to-energy plants set up in the country are successful in dealing with the garbage problem and in generating requisite quantum of energy and is so, the details thereof;

(e) whether the Union Government proposes to set up more such plants, especially in urban areas, where the problem of garbage is quite large and the demand of energy is high and if so, the details thereof and time-frame set for the same , State/UT-wise; and

(f) whether the union Government has received a number of proposals from various States/UTs regarding setting up of such projects and financial aid for the purpose and if so, the details thereof and the response of the Union Government thereto, proposal-wise?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): The Ministry of New and Renewable Energy (MNRE) supported about 259 MW grid connected / captive power plants using Urban, Industrial and Agricultural Wastes / Residues including Municipal Solid Waste (MSW). The present share of these Waste to Energy power generation projects is around 0.08% in the total installed power generation capacity in the country.

(b) & (c): MNRE is providing Central Financial Assistance (CFA) for setting up of Waste to Energy projects based on Urban, Industrial and Agricultural Wastes / Residues including MSW. In addition, the Ministry of Housing and Urban Affairs is implementing "Swachh Bharat Mission" (SBM) which also provides support for setting up of waste to energy plants up to 35% of the project cost in the form of Viability Gap Funding (VGF) / grant, subject to the overall state-wise funds envelop for SBM. The details of CFA provided by MNRE and the Ministry of Housing and Urban Affairs under SBM during the last there years and the current year, State/UTs wise are given at Annexure-I & II.

(d) to (f): Presently, five projects of 66.4 MW are operational and generating power from Municipal Solid Waste (MSW) and running successfully in Solapur, Maharashtra; Jabalpur, Madhya Pradesh; and New Delhi, which are able to process about 4516 Tons MSW per day. The State/UT-wise details of these operational plants with installed capacity and quantity of MSW utilized / processed are given at Annexure-III. Under SBM, 48 MSW based plants with cumulative installed capacity of 412.5 MW are under construction. Details of these projects are given at Annexure-IV.
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